Rebuild Kit Instructions

2–WAY DIRECT–ACTING SOLENOID VALVE
NORMALLY CLOSED OPERATION — STEAM SERVICE
1/4 NPT — 9/32″ORIFICE

REBUILD KIT

No. 68145

Form No.V7438

NOTICE: See separate solenoid installation and maintenance instructions for information on: Wiring, Solenoid Temperature, Cause of Improper Operation and Coil Replacement.

MAINTENANCE

⚠ WARNING: To prevent the possibility of death, serious injury or property damage, turn off electrical power, depressurize valve, and vent fluid to a safe area before servicing the valve.

Note: It is not necessary to remove the valve from the pipeline for repairs.

INSTALLATION OF REBUILD KIT

Valve Disassembly (Refer to Figure 1)

1. Disassemble valve in an orderly fashion using exploded view for identification and placement of parts.
2. Remove solenoid, see separate instructions.
3. Unscrew solenoid base sub–assembly from valve body. Then remove core spring, core assembly and solenoid base gasket.
4. All parts are now accessible for cleaning or replacement. If parts are worn or damaged, install a complete rebuild kit.

⚠ CAUTION: To ensure proper valve operation, install all parts supplied in rebuild kit. Do not mix old and new parts.

Valve Reassembly

1. Lubricate solenoid base gasket with DOW CORNING® 200 Fluid lubricant or an equivalent high–grade silicone fluid.
2. Install solenoid base gasket in valve body.
3. Install wide end of core spring in core assembly first, closed end protrudes from top of core assembly.

Note: For normal maintenance, it is not necessary to remove the valve seat.

4. Install core assembly with core spring into solenoid base sub–assembly. Hand thread solenoid base sub–assembly with core assembly and core spring into valve body. Then torque solenoid base sub–assembly to 175 ± 25 in–lbs [19,8 ± 2,8Nm].

⚠ WARNING: To prevent the possibility of death, serious injury or property damage, check valve for proper operation before returning to service. Also perform internal seat and external leakage tests with a nonhazardous, noncombustible fluid.

5. Restore line pressure and electrical power supply to valve.
6. After maintenance is completed, operate the valve a few times to be sure of proper operation. A metallic *click* indicates the solenoid is operating.

ORDERING INFORMATION

FOR REBUILD KITS

Parts marked with an asterisk (*) in the exploded view are supplied in Rebuild Kits. When Ordering Rebuild Kits for valves, order the Rebuild Kit number stamped on the valve nameplate. If the number of the kit is not visible, order by indicating the number of kits required, and the Catalog Number and Serial Number of the valve(s) for which they are intended.

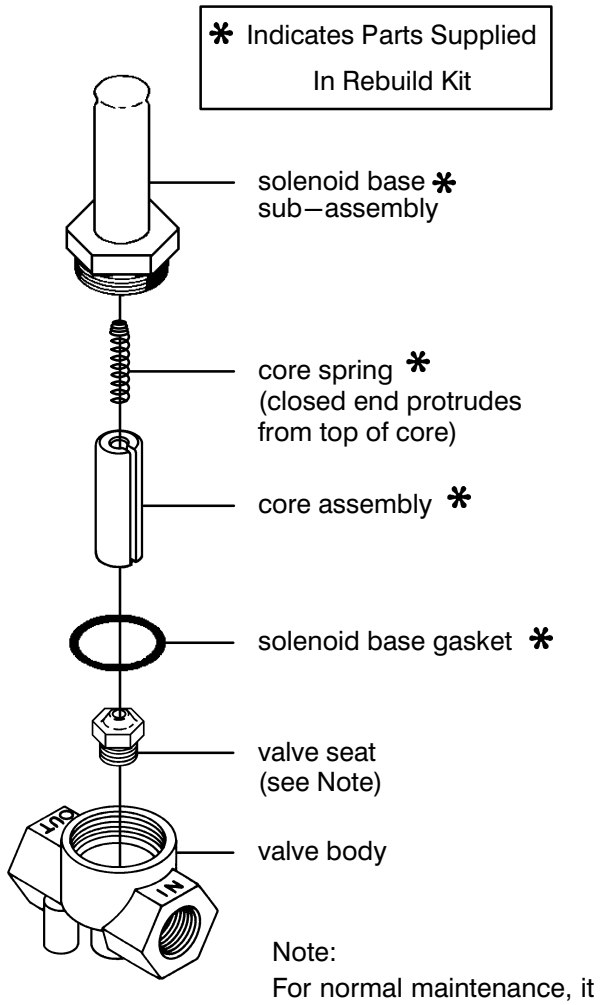
* Indicates Parts Supplied In Rebuild Kit
solenoid base * sub–assembly
core spring * (closed end protrudes from top of core)
core assembly *
solenoid base gasket *
valve seat (see Note)
valve body
OUT
IN
Note:
For normal maintenance, it is not necessary to remove valve seat.

Figure 1. Valve without solenoid

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